



USPTO Form 1449 INFORMATION DISCLOSURE CITATION Sheet 1 of 1				U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 4126-4012	Serial No. 10/693,174		
				Applicant(s): Rinehart et al.				
				Filing Date: October 23. 2003	Group: tba			
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
u	AA	4,816,450	03/28/89	Bell et al.	514	25		
w	AB	5,190,876	03/02/93	Merrill, Jr. et al.	435	240		
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
u	BA	0 381 514 A2	08/08/90	EP	A61K	31/13	X	
u	BB	0 821 068 A2	01/28/98	EP	C12P	13/02	X	
u	BC	WO 96/18404	06/20/96	PCT (u)	A61K	31/70	X	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
u	CA	H. Sun et al., "Weinbersterol Disulfates A and B, Antiviral Steriod Sulfates from the Sponge <i>Petrosia Weinbergi</i> ", <i>Tetrahedron</i> , Vol. 47, No. 7, pp. 1185-1190 (1991).						
w	CB	S. Sakemi et al., "Antitumor Cyclic Peroxides from the Sponge <i>Plakortis Lita</i> ", <i>Tetrahedron</i> , Vol. 43, No. 1, pp. 263-268 (1987).						
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w	CD	M. Murata et al., "Structures and Configurations of Ciguatoxin from the Moray Eel <i>Gymnothorax javanicus</i> and Its Likely Precursor from the Dinoflagellate <i>Gambierdiscus toxicus</i> ", <i>J. Am. Chem. Soc.</i> , Vol. 112, pp. 4380-4386 (1990).						
w	CE	M. Kernal et al., "Macroyclic Antifungal Metabolites from the Spanish Dancer Nudibranch <i>Hexabranchus sanguineus</i> and Sponges of the Genus <i>Halichondria</i> ", <i>J. Org. Chem.</i> , Vol. 53, pp. 5014-5020 (1988).						
w	CF	G. Pettit et al., "Antineoplastic Agents. 224 Isolation and Structure of Neristatin 1 ^{1a} ", <i>J. Am. Chem. Soc.</i> , Vol. 113, No. 17, pp. 6693-6695 (1991).						
u	CG	D. Schaufelberger et al., "Revised Structure of Byrostatin 3 and Isolation of the Bryostatin 3 26-Ketone from <i>Bugula neritina</i> ", <i>J. Org. Chem.</i> , Vol. 56, pp. 2895-2900 (1991).						
u	CH	W. Murayama et al., "A New Centrifugal Counter-Current Chromatograph and Its Application", <i>Journal of Chromatography</i> , Vol. 239, pp. 643-649 (1982).						
w	CI	D. Martin et al., "Countercurrent Chromatography for Drug Discovery and Development". <i>CCC for Drug Discovery and Development</i> , Chapter Nine, pp. 565-581. 1988						
u	CJ	S. Kohmoto et al., "Isospongiadiol, a Cytotoxic and Antiviral Diterpene from a Caribbean Deep Water Marine Sponge, <i>Spongia</i> sp.", <i>Chemistry Letter</i> , pp. 1687-1690 (1987).						

M	CK	G. Pettit et al., "Isolation and Structure of Bryostatins 14 and 15 ¹ ", <i>Tetrahedron</i> , Vol. 47, No. 22, pp. 3601-3610 (1991).
N	CL	R. Bruening et al., "Isolation of Tunichrome B-1, A Reducing Blood Pigment of the Sea Squirt, <i>Ascidia Nigra</i> ¹ ", <i>Journal of Natural Products</i> , Vol. 49, No. 2, pp. 193-204 (1986).
U	CM	M. Reetz et al., "Sterioselective Synthesis of β -Amino Alcohols from Optically Active α -Amino Acids", <i>Angew. Chem. Int. Ed. Eng.</i> , Vol. 26, No. 11, pp. 1141-1143 (1987).
P	CN	Prostenik et al., "Application of the Asymmetric Synthesis in the Determination of the Configuration of Amino Alcohols and Diamines with Two Adjacent Asymmetric Carbon Atoms", <i>Croatica Chemica Acta</i> , Vol. 29, pp. 393-402 (1957).
P	CO	B. Ravi et al., "Recent Research in Marine Natural Products: The Puudehenones", <i>Pure & Appl. Chem.</i> , Vol. 51, pp. 1893-1900. 1979
P	CP	A. Stierle et al., "A Marine <i>Micrococcus</i> Produces Metabolites Ascribed to the Sponge <i>Tedania ignis</i> ", <i>Experientia</i> , Vol. 44, pp. 1021 (1988).
V	CQ	F. Schmitz et al., "Metabolites from the Marine Sponge <i>Tedania ignis</i> . A New Atisanediol and Several Known Diketopiperazines ¹ ", <i>J. Org. Chem.</i> , Vol. 48, pp. 3941-3945 (1983).
V	CR	R. Dillman et al., "An Unusual Sulfur-Containing Diketopiperazine from the Bermudian Sponge <i>Tedania Ignis</i> ¹ ", <i>Journal of Natural Products</i> , Vol. 54, No. 4, pp. 1159-1161 (1991).
N	CS	A. Stierle et al., "Maculosin, a host-specific phytotoxin for spotted knapweed from <i>Alternaria alternata</i> ", <i>Proc. Natl. Acad. Sci USA</i> , Vol. 85, pp. 8008-8011 (1988).
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N	CZ	R. Sakai et al., "Manzamine B and C, Two Novel Alkaloids from the Sponge <i>Halicloma sp.</i> ", <i>Tetrahedron Letters</i> , Vol. 28, No. 45, pp. 5493-5496 (1987).
N	CCA	S. Bobzin et al., "Aromatic Alkaloids from the Marine Sponge <i>Chelonaplysilla sp.</i> ", <i>J. Org. Chem.</i> , Vol. 56, pp. 4403-4407 (1991).
U	CCB	S. Sakemi et al., "Nortopsentins A, B, and C. Cytotoxic and Antifungal Imidazolediylbis[indoles] from the Sponge <i>Spongisorites ruetzleri</i> ", <i>J. Org. Chem.</i> , Vol. 56, pp. 4304-4307 (1991).
V	CCC	P. Keifer et al., "Bioactive Bromopyrrole Metabolites from the Caribbean Sponge <i>Angelas conifera</i> ", <i>J. Org. Chem.</i> , Vol. 56, pp. 2965-2975 (1991).

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✓	CCV	N. Gulavita et al., "Two Epimeric Aliphatic Amino Alcohols from a Sponge, <i>Xestopongia</i> sp.", <i>J. Org. Chem.</i> , Vol. 54, No.2, pp. 367-369 (1989).
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EXAMINER	<i>Moore</i>	DATE CONSIDERED 12/13/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**Copies of references not provided at the time of this submission.

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INFORMATION DISCLOSURE CITATION		
	Applicant: Rinehart et al.	
	Filing Date: October 23, 2003	Group Art Unit: tba

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

W	Nancy Louise Fregeau, Ph.D. Thesis entitled "Biologically Active Compounds from a Clam and a Tunicate" submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in chemistry in the Graduate College of the University of Illinois at Urbana-Champaign, 1992. First released to the public by the University - April 14, 1998. p 1-294 -
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Examiner 	Date Considered 12/13/04
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